

CIBA SPECIALTY CHEMICALS  
NEWPORT, DELAWARE

**Ciba Specialty Chemicals of Newport, Delaware** manufactures organic pigments used by the paints, plastics, and inks industries. The plant makes two types of pigments: Quinacridone (QA) and Diketo Pyrolo Pyrol (DPP). Ciba participates in the Responsible Care program of the American Chemistry Council. The Newport site is certified to ISO 14001. In 1999 it won EPA's Stormwater Excellence Award and the Wilmington News Journal Community Involvement award.

#### ENVIRONMENTAL PERFORMANCE

##### AT A GLANCE

Industry Sector:	SIC 2865
Business:	Manufactures organic pigments
Facility Employees:	100-499
Accomplishments:	Reduced discharges of toxics to water Reduced material use
2003 Commitments:	Further reduce air emissions Reduce energy usage Decrease hazardous waste generation
Address:	205 South James Street Newport, Delaware 19804

##### *Past Accomplishments*

The Newport, Delaware plant has demonstrated its commitment to environmental performance in the areas of reduced toxic disair emissions and raw materials utilization. Since 1993, the facility has:

- **Reduced toxic (methanol) discharges to the local sewer system** by 90% through redesigning the QA synthesis process and moving the process to a new, state-of-the-art manufacturing plant.
- **Reduced material use** in QA manufacture by 55% through recycling solvent and substituting materials.

##### *Future Commitments*

The Newport, Delaware plant also committed to continued environmental improvement through reductions in energy usage, and hazardous waste generation. By 2003, the facility will:

- **Reduce energy use** by 13% through optimizing the plant's solvent recovery process and building heating/cooling controls, and improvements to nitrogen and steam generation units
- **Reduce emissions of air toxics** by 70% through routing more process off-gases to the plant's thermal oxidation unit. Several sources of volatile organic compound emissions have already been eliminated by the introduction of the new manufacturing process described above.
- **Reduce NO<sub>x</sub> emissions** by 54% through replacing two steam-generating boilers with low NO<sub>x</sub> burner technology and decommissioning a heating unit.
- **Reduce hazardous waste generation** by 60% through reclaiming more waste solvents. The company has an additional long-term goal of using 400,000 pounds of remaining wastes as fuel.

#### COMMUNITY OUTREACH

Ciba maintains a 24-hour community complaint system that ensures complaints receive responses within 1 hour. It also publishes an external newsletter, Community Palette, that informs the community about facility activities and performance. Other outreach efforts include participation in local activities such as the annual Christina River Cleanup and mentoring programs. The annual performance report will be made available to the public through a local newspaper.